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PATENT

IAP12 Rec'd PCT/PTO 8017-1196  
18 AUG 2006

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Kenji SATO et al

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed August 18, 2006

Examiner

MODULATOR-INTEGRATED LIGHT SOURCE AND ITS MANUFACTURING METHOD

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION CONCURRENT WITH THE**  
**FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 18, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

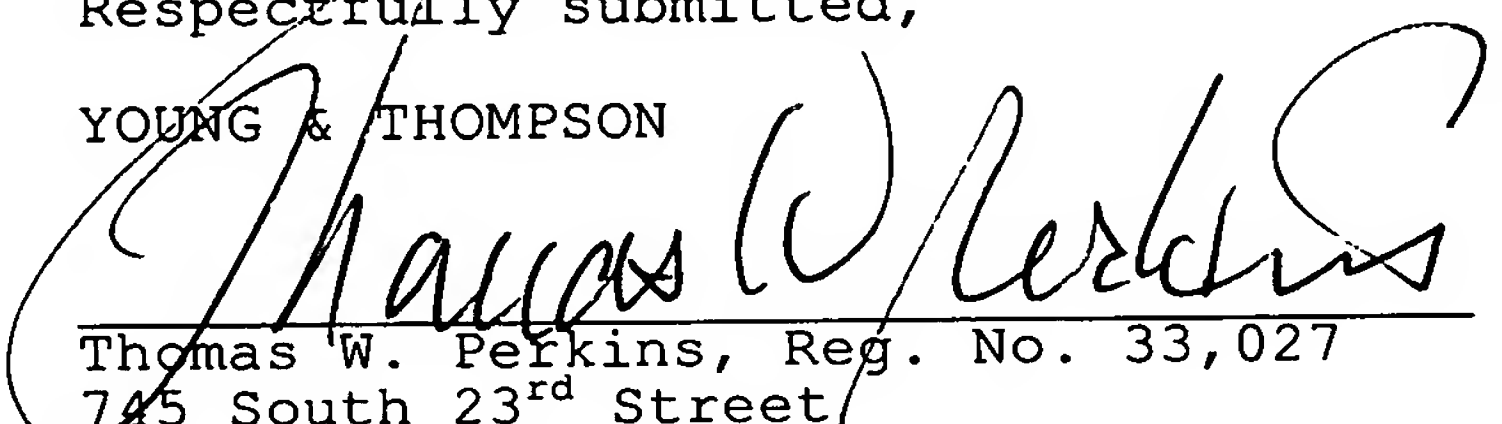
FEEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

  
Thomas W. Perkins, Reg. No. 33,027  
745 South 23<sup>rd</sup> Street  
Arlington, VA 22202  
Telephone (703) 521-2297  
Telefax (703) 685-0573  
(703) 979-4709

TWP/kmo

Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

**Attorney Docket No.:**

**8017-1196**

Application No. 147

## NEW NATIONAL PHASE

**Applicant:**

Kenji SATO et al

**Filing Date:**

**August 18, 2006**

**Group Art Unit:**

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	2000-353848	12/19/2000	JP				
	03-198025	8/19/1991	JP				
	08-248364	9/27/1996	JP				
	11-145549	5/28/1999	JP				
	07-218880	8/18/1995	JP				
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	2003-060285	2/28/2003	JP				
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	11-298088	10/29/1999	JP				
	09-166764	6/24/1997	JP				
	03-198025	8/29/1991	JP				
	09-133902	5/20/1997	JP				
	2001-024289	1/26/2001	JP				
	07-218880	8/18/1995	JP				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	M. Tamura et al., Ultrafast electroabsorption modulators with traveling-wave electrodes, LEOS 2001, Vol.1, pages 97 to 98
	Milind R. Gokhale et al., Uncolled, 10Gb/s 1310 nm Electroabsorption Modulated Laser, OFC 2003, Vol.3, PD42
	Koji YAMADA et al., "InGaAsp Denkaiki Kyushugata Hikari Henchoki Tsuki DFB laser", The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyo Hokoku, Vol. 94, No. 115, (1994), pages 49 to 54

**EXAMINER:**

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

Y&amp;T August 18, 2006